

## **WHAT IS CLAIMED IS:**

1. An apparatus for trimming and chemically treating vegetation, comprising:  
at least one saw blade for trimming the vegetation; and  
a sprayer for spraying a chemical treatment on the vegetation in the proximity  
of the at least one saw blade.
2. The apparatus of claim 1, wherein the at least one saw blade is affixed to a saw arm, and wherein the sprayer is affixed in or to the saw arm.
3. The apparatus of claim 2, wherein the saw blade spans above and below the saw arm, and wherein the sprayer sprays the chemical treatment above and below the saw arm.
4. The apparatus of claim 3, wherein the sprayer comprises a plurality of nozzles formed on a top and bottom of the saw arm.
5. The apparatus of claim 4, wherein the sprayer further includes at least one further nozzle formed perpendicularly to the plurality of nozzles.
6. The apparatus of claim 2, wherein the apparatus is attachable to a boom along a first axis, and wherein the saw arm is rotatable around a second axis perpendicular to the first axis.
7. The apparatus of claim 1, wherein the apparatus is attachable to a boom along a first axis, and wherein the apparatus is rotatable around the first axis.
8. The apparatus of claim 1, wherein the apparatus is attachable to a boom along a first axis, and wherein the apparatus is bendable at an angle with respect to the first axis.

9. The apparatus of claim 1, wherein the apparatus is attachable to a boom along a first axis, and wherein
  - the saw arm is rotatable around a second axis perpendicular to the first axis,
  - the apparatus is rotatable around the first axis, and
  - the apparatus is bendable at an angle with respect to the first axis.
10. The apparatus of claim 1, wherein the apparatus further comprises at least one jaw for grabbing the vegetation to be trimmed.
11. The apparatus of claim 10, wherein the jaws are serrated.
12. The apparatus of claim 1, wherein the sprayer sprays the chemical treatment at a location where the at least one saw blade trims the vegetation.
13. The apparatus of claim 1, wherein the apparatus comprises a plurality of saw blades.
14. The apparatus of claim 1, wherein the chemical treatment comprises a herbicide.
15. The apparatus of claim 1, wherein the sprayer comprises a plurality of nozzles.
16. The apparatus of claim 15, wherein at least some of the plurality of nozzles are perpendicular to each other.
17. The apparatus of claim 1, wherein the sprayer sprays chemical treatment on the at least one saw blade.
18. An apparatus for trimming and chemically treating vegetation, comprising:
  - an elongated arm having a top, bottom, sides, and ends, the arm comprising:
  - at least one saw blade for trimming vegetation; and

a sprayer assembly for spraying a chemical treatment on the vegetation.

19. The apparatus of claim 18, wherein the saw blade spans above and below the top and bottom of the elongated arm.

20. The apparatus of claim 19, wherein the sprayer assembly comprises a plurality of first nozzles formed on the top and bottom of the elongated arm.

21. The apparatus of claim 20, wherein the first nozzles are flush with the top and bottom of the elongated arm.

22. The apparatus of claim 20, wherein the sprayer assembly further comprises at least one second nozzle formed on a side of the elongated arm.

23. The apparatus of claim 22, wherein the sprayer assembly further comprises two second nozzles formed on a side and proximate the ends of the elongated arm.

24. The apparatus of claim 23, wherein the at least one saw blade appears on the same side of the elongated arm as do the second nozzles.

25. The apparatus of claim 24, wherein the second nozzles pop up beyond the side of the elongated arm when activated.

26. The apparatus of claim 18, wherein the apparatus comprises a plurality of saw blades.

27. The apparatus of claim 18, wherein the plurality of saw blades are located on one side of the elongated arm.

28. The apparatus of claim 18, further comprising at least one channel formed within the elongated arm to pass the chemical treatment to the sprayer assembly.
29. The apparatus of claim 28, wherein the elongated arm comprises two pieces with the channel formed or milled therein.
30. The apparatus of claim 28, wherein the elongated arm comprises a single piece of material and wherein channel is milled thereinto.
31. The apparatus of claim 18, wherein the sprayer sprays the chemical treatment at a location where the at least one saw blade trims the vegetation.
32. A vehicle for trimming and chemically treating vegetation, comprising:  
a boom attached to the vehicle;  
a tank attached to the vehicle for holding a chemical treatment; and  
an apparatus attached to an end of the boom, the apparatus comprising:  
at least one saw blade for trimming the vegetation; and  
a sprayer coupled to the tank by a hose for spraying the chemical treatment on the vegetation.
33. The vehicle of claim 32, wherein the at least one saw blade is affixed to a saw arm on the apparatus, and wherein the sprayer is affixed in or to the saw arm.
34. The vehicle of claim 33, wherein the saw blade spans above and below the saw arm, and wherein the sprayer sprays the chemical treatment above and below the saw arm.
35. The vehicle of claim 34, wherein the sprayer comprises a plurality of nozzles formed on a top and bottom of the saw arm.

36. The vehicle of claim 32, wherein the apparatus is attached to the boom along a first axis, and wherein the saw arm is rotatable around a second axis perpendicular to the first axis.
37. The vehicle of claim 32, wherein the apparatus is attached to the boom along a first axis, and wherein the apparatus is rotatable around the first axis.
38. The vehicle of claim 32, wherein the apparatus is attached to the boom along a first axis, and wherein the apparatus is bendable at an angle with respect to the first axis.
39. The vehicle of claim 32, wherein the apparatus is attached to the boom along a first axis, and wherein
- the saw arm is rotatable around a second axis perpendicular to the first axis,
  - the apparatus is rotatable around the first axis, and
  - the apparatus is bendable at an angle with respect to the first axis.
40. The vehicle of claim 32, wherein the apparatus further comprises at least one jaw for grabbing the vegetation to be trimmed.
41. The vehicle of claim 40, wherein the jaws are serrated.
42. The vehicle of claim 32, wherein the sprayer sprays the chemical treatment at a location where the at least one saw blade trims the vegetation.
43. The vehicle of claim 32, wherein the apparatus comprises a plurality of saw blades.
44. The vehicle of claim 32, wherein the chemical treatment comprises a herbicide.
45. The vehicle of claim 32, wherein the sprayer comprises a plurality of nozzles.

46. The vehicle of claim 45, wherein at least some of the plurality of nozzles are perpendicular to each other.
47. The vehicle of claim 32, wherein the sprayer sprays chemical treatment on the at least one saw blade.
48. A vehicle for trimming and chemically treating vegetation, comprising:  
a boom attached to the vehicle;  
a tank attached to the vehicle for holding a chemical treatment; and  
a sprayer attached to an end of the boom, the sprayer coupled to the tank by a hose for spraying the chemical treatment on the vegetation, wherein the sprayer is moveable on the boom to direct the chemical treatment to the vegetation.
49. The vehicle of claim 48, wherein the sprayer comprises a plurality of nozzles formed on its top and bottom.
50. The vehicle of claim 48, wherein the sprayer is attached to the boom along a first axis, and wherein the sprayer is rotatable around a second axis perpendicular to the first axis.
51. The vehicle of claim 48, wherein the sprayer is attached to the boom along a first axis, and wherein the sprayer is rotatable around the first axis.
52. The vehicle of claim 48, wherein the sprayer is attached to the boom along a first axis, and wherein the sprayer is bendable at an angle with respect to the first axis.
53. The vehicle of claim 48, wherein the sprayer comprises a plurality of nozzles.
54. The vehicle of claim 53, wherein at least some of the plurality of nozzles are perpendicular to each other.

55. A method for trimming and chemically treating vegetation using an apparatus, comprising:

trimming the vegetation with at least one saw blade; and  
simultaneously spraying with a sprayer a chemical treatment on the vegetation  
being trimmed in the proximity of the at least one saw blade.

56. The method of claim 55, wherein the saw blade and sprayer are formed on an apparatus.

57. The method of claim 55, wherein the at least one saw blade is affixed to a saw arm, and wherein the sprayer is affixed in or to the saw arm.

58. The method of claim 57, wherein the saw blade spans above and below the saw arm, and wherein the sprayer sprays the chemical treatment above and below the saw arm.

59. The method of claim 58, wherein the sprayer comprises a plurality of nozzles formed on a top and bottom of the saw arm.

60. The method of claim 56, wherein the apparatus is attached to a boom along a first axis, and wherein the saw arm is rotatable around a second axis perpendicular to the first axis.

61. The method of claim 56, wherein the apparatus is attached to a boom along a first axis, and wherein the apparatus is rotatable around the first axis.

62. The method of claim 56, wherein the apparatus is attached to a boom along a first axis, and wherein the apparatus is bendable at an angle with respect to the first axis.

63. The method of claim 56, wherein the apparatus is attached to a boom along a first axis, and wherein
- the saw arm is rotatable around a second axis perpendicular to the first axis,
  - the apparatus is rotatable around the first axis, and
  - the apparatus is bendable at an angle with respect to the first axis.
64. The method of claim 55, further comprising clamping the vegetation to be trimmed with at least one jaw.
65. The method of claim 64, wherein the jaw is serrated.
66. The method of claim 55, further comprising spraying the chemical treatment at a location where the at least one saw blade trims the vegetation.
67. The method of claim 56, wherein the apparatus comprises a plurality of saw blades.
68. The method of claim 55, wherein the chemical treatment comprises a herbicide.
69. The method of claim 55, wherein the herbicide comprises Krenite.
70. The method of claim 55, wherein the sprayer comprises a plurality of nozzles.
71. The method of claim 70, wherein at least some of the plurality of nozzles are perpendicular to each other.
72. The method of claim 56, wherein the apparatus is affixed to a boom on a vehicle, and wherein the method further comprises driving to the location of the vegetation to be trimmed.



73. The method of claim 72, wherein the vehicle comprises a tank affixed to the apparatus by a hose for storing the chemical treatment.

74. A method of logging data relating to a vehicle for trimming and chemically treating vegetation, comprising:

performing trimming and/or chemical treatment operations at the site of the vegetation;

simultaneously and automatically logging at a computer in the vehicle

data indicative of the performed operations, and

data indicative of the location of the vehicle.

75. The method of claim 74, wherein the data indicative of the location of the vehicle is supplied by a Global Positioning System device coupled to the vehicle.

76. The method of claim 74, wherein the data indicative of the performed operation comprises activation of a saw for trimming, activation of spraying for administering a chemical treatment, or activation of a jaw for clamping the vegetation.

77. The method of claim 74, further comprising simultaneously and automatically logging at the computer the time of day.

78. The method of claim 74, further comprising manually logging of other data pertinent to trimming or chemical treatment operation.

79. The method of claim 74, further comprising broadcasting the data to a site remote from the vehicle.

80. A method for remotely controlling an apparatus on a boom on a vehicle for trimming and/or chemically treating vegetation, comprising:

providing in the vehicle controls for the trimming and/or chemical treatment apparatus;

providing a remote control pickup on a computer associated with the controls;  
duplicating the controls on a remote controller; and  
controlling the apparatus remotely from the vehicle using the remote  
controller.

81. The method of claim 80, wherein the controls on the remote controller allow for the trimming and/or chemical apparatus to be manipulated on the boom.

82. The method of claim 80, wherein the controls on the remote controller allow the apparatus to saw or spray.